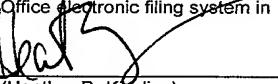


I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: August 24, 2009 Signature: 
(Heather R. Kissling)

Docket No.: 30694/42021
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Tsvee Lapidot et al.

Application No.: 10/578,291

Confirmation No.: 6831

Filed: February 5, 2007

Art Unit: 1633

For: Stem Cells Suitable for Transplantation, Their
Preparation And Pharmaceutical Compositions
Comprising Them

Examiner: S. Long

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Madam:

INTRODUCTORY COMMENTS

In response to the Office Action dated March 25, 2009, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

This paper is accompanied by a petition and fee for two-month extension of time. The commissioner is authorized to charge any additional fees due in connection with this filing to Marshall, Gerstein and Borun LLP deposit account number 13-2855, under order no. 30694/42021.